



Unusual luminous object transit to moon mass, in the locality,of Mare Nectaris with a direction West to South East

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Abstract

There are several observational studies at professional and amateur level regarding unusual phenomena such as dust, unusual lights or unexplained objects orbiting the earth or the lunar field (Valdes and Freitas 1982). Our satellite cause of the distance, offers to many scientists the opportunity of an accurate observation. The advanced instrumentation, give the vantage to observe many particulars features on the Moon surface (Alter & Dinsmore 1958). The technological progress the last decades (programmable telescopes, high quality CCD cameras, web cameras, etc.) allows the researchers to register even more usual and unusual, phenomena such as strange lights in lunar craters (Sorrentino et al. 1999), LTP phenomena (Kolovos et al. 1988), unknown objects in orbit, which are frequently attributed to unusual formations on the moon surface.

This amateur-level study occupied us by taking pictures that have been captured during the second semester of 2009, during a normal weekly study procedure of Lunar observations. In this procedure, simple equipment and amateur instruments have been used. The paper is concerned with an unexplained intensive purple light on rapid motion, in the vicinity of the Moon, which seems to move in Mare Nectaris

(Birt 1876) with a direction from West to South-East and finally to South. The object has been observed in this trajectory at 10 June 2009 and reappeared again and was photo- observed two times more until December 2009. On consecutive months more pictures were taken, with conventional and digital exposures, until the end of the year. More than four hundred pictures have been taken. The nature and the kinematics of the object remains unexplained to us. Could it be attributed to a kind of an eruption like that of methane fountains or any other type of natural propagation of environmental gases? This simple observation study is directed to the astrophysicists society to give a rational explanation of this unexplained to us phenomenon. What conditions and forces influence their appearance? Is it possible to be liberation of moving dust or maybe charged aerosols? In our planet we have similar phenomena of aerosols liberation from earth mantle. The possibility of an artificial origin of the object (e.g. an artificial satellite) on ,or projected on , the lunar disk should also be examined.